

What is claimed is:

1. An image forming device for forming an image from image data transferred from a portable image data storage device via an external interface that can be connected to said image data storage device, comprising:

a data size acquiring unit that acquires data size of image data, for which an image is formed, from said image data storage device; and

a calculating unit for calculating transfer completion time required for transferring said image data, for which an image is formed, based on said data size of the image data acquired by said data size acquiring unit and a speed of transferring data via said external interface.

2. An image forming device as claimed in claim 1 further calculating:

output completion time required for image forming output of the image data, for which an image is formed.

3. An image forming device as claimed in claim 2 further comprising:

an output setup information receiving unit for receiving output setup information to be set up concerning image forming output condition.

4. An image forming device as claimed in claim 1 further comprising:

a cancellation capability notifying unit for notifying that it is possible to cancel a connection with said image data storage device before the image forming output is completed for said image data, for which an image is formed, after the transfer is completed for said image data, for which an image is formed.

5. An image forming device as claimed in claim 2 further comprising:

a cancellation capability notifying unit for notifying that it is possible to cancel a connection with said image data storage device before the image forming output is completed for said image data, for which an image is formed, after the transfer is completed for said image data, for which an image is formed.

6. An image forming device as claimed in claim 3 further comprising:

a cancellation capability notifying unit for notifying that it is possible to cancel a connection with said image data storage device before the image forming output is completed for said image data, for which an image is formed, after the transfer is completed for said image data, for which an image is formed.

7. An image forming device as claimed in claim 1, wherein

said calculating unit calculates a plurality of transfer completion times corresponding to a plurality of external interfaces; and

said image forming device further comprises a transfer completion time notifying unit for notifying said plurality of transfer completion times calculated by said calculating unit, and a selecting unit for allowing an user to select one of said plurality of external interfaces as an external interface to be used.

8. An image forming device as claimed in claim 2, wherein

said calculating unit calculates a plurality of transfer completion times corresponding to a plurality of external interfaces; and

said image forming device further comprises a transfer completion time notifying unit for notifying said plurality of transfer completion times calculated by said calculating unit, and a selecting unit for allowing an user to select one of said plurality of external interfaces as an external interface to be used.

9. An image forming device as claimed in claim 3, wherein

said calculating unit calculates a plurality of transfer completion times corresponding to a plurality of external

interfaces; and

said image forming device further comprises a transfer completion time notifying unit for notifying said plurality of transfer completion times calculated by said calculating unit, and a selecting unit for allowing an user to select one of said plurality of external interfaces as an external interface to be used.

10. An image forming device as claimed in claim 4, wherein

said calculating unit calculates a plurality of transfer completion times corresponding to a plurality of external interfaces; and

said image forming device further comprises a transfer completion time notifying unit for notifying said plurality of transfer completion times calculated by said calculating unit, and a selecting unit for allowing an user to select one of said plurality of external interfaces as an external interface to be used.

11. An image forming device as claimed in claim 5, wherein

said calculating unit calculates a plurality of transfer completion times corresponding to a plurality of external interfaces; and

said image forming device further comprises a transfer

completion time notifying unit for notifying said plurality of transfer completion times calculated by said calculating unit, and a selecting unit for allowing an user to select one of said plurality of external interfaces as an external interface to be used.

12. An image forming device as claimed in claim 6, wherein

said calculating unit calculates a plurality of transfer completion times corresponding to a plurality of external interfaces; and

said image forming device further comprises a transfer completion time notifying unit for notifying said plurality of transfer completion times calculated by said calculating unit, and a selecting unit for allowing an user to select one of said plurality of external interfaces as an external interface to be used.

13. An image forming device as claimed in claim 1, wherein

said image data storage device is a digital camera.

14. An image forming device as claimed in claim 2, wherein

said image data storage device is a digital camera.

15. An image forming device as claimed in claim 3, wherein

said image data storage device is a digital camera.

16. An image forming device as claimed in claim 4,  
wherein

said image data storage device is a digital camera.

17. An image forming device as claimed in claim 5,  
wherein

said image data storage device is a digital camera.

18. An image forming device as claimed in claim 6,  
wherein

said image data storage device is a digital camera.

19. An image forming device as claimed in claim 7,  
wherein

said image data storage device is a digital camera.

20. An image forming device as claimed in claim 8,  
wherein

said image data storage device is a digital camera.

21. An image forming device as claimed in claim 9,  
wherein

said image data storage device is a digital camera.

22. An image forming device as claimed in claim 10,  
wherein

said image data storage device is a digital camera.

23. An image forming device as claimed in claim 11,  
wherein

said image data storage device is a digital camera.

24. An image forming device as claimed in claim 12,  
wherein

said image data storage device is a digital camera.

25. An image forming device as claimed in claim 1,  
wherein

said image data storage device is a recording medium.

26. An image forming device as claimed in claim 2,  
wherein

said image data storage device is a recording medium.

27. An image forming device as claimed in claim 3,  
wherein

said image data storage device is a recording medium.

28. An image forming device as claimed in claim 4,  
wherein

said image data storage device is a recording medium.

29. An image forming device as claimed in claim 5,  
wherein

said image data storage device is a recording medium.

30. An image forming device as claimed in claim 6,  
wherein

said image data storage device is a recording medium.

31. An image forming device as claimed in claim 7,

wherein

said image data storage device is a recording medium.

32. An image forming device as claimed in claim 8,  
wherein

said image data storage device is a recording medium.

33. An image forming device as claimed in claim 9,  
wherein

said image data storage device is a recording medium.

34. An image forming device as claimed in claim 10,  
wherein

said image data storage device is a recording medium.

35. An image forming device as claimed in claim 11,  
wherein

said image data storage device is a recording medium.

36. An image forming device as claimed in claim 12,  
wherein

said image data storage device is a recording medium.

37. An image forming system, comprising:  
a digital camera; and  
an image forming device for forming an image from image  
data transferred from said digital camera via an external  
interface that can be connected to said digital camera;  
said digital camera including:  
a transmitting unit for transmitting data size of image



data, for which an image is formed, to said image forming device;

said image forming device including:

a receiving unit for receiving the data size of the image data, for which an image is formed, from said digital camera; and

a calculation unit for calculating transfer completion time required for transferring said image data, for which an image is formed, based on said data size of the image data received by said receiving unit and a speed of transferring data via said external interface.

38. An image forming method for forming an image from image data transferred from a portable image data storage device via an external interface that can be connected to said image data storage device, comprising the steps of:

1) acquiring data size of image data, for which an image is formed, from said image data storage device; and

2) calculating transfer completion time required for transferring said image data, for which an image is formed, based on said data size of the image data acquired in step 1) and a speed of transferring data via said external interface.

39. An image forming control program for controlling an image forming device for forming an image from image data transferred from a portable image data storage device via

an external interface that can be connected to said image data storage device, said program causing the image forming device to execute a process comprising the steps of:

1) acquiring data size of image data, for which an image is formed, from said image data storage device; and

2) calculating transfer completion time required for transferring said image data, for which an image is formed, based on said data size of the image data acquired in step 1) and a speed of transferring data via said external interface.

40. A computer readable recording medium in which the image forming control program as claimed in claim 39 is recorded.